

WEST Search History

DATE: Tuesday, October 14, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
	<i>DB=USPT; PLUR=YES; OP=ADJ</i>		
L3	L2 and (melas or lhon or merrf or leighs or alzheimers or parkinsons)	14	L3
L2	L1 and mitochondrial	68	L2
L1	((514/42 514/43 514/45 514/49 514/50 514/51 514/52)!.CCLS.)	1402	L1

END OF SEARCH HISTORY

(FILE 'HOME' ENTERED AT 13:48:47 ON 14 OCT 2003)

FILE 'REGISTRY' ENTERED AT 13:49:00 ON 14 OCT 2003

FILE 'STNGUIDE' ENTERED AT 13:49:07 ON 14 OCT 2003

FILE 'REGISTRY' ENTERED AT 13:49:11 ON 14 OCT 2003

E "2',3',5'-TRI-O-ACETYLURIDINE"/CN 25

L1

1 S E3

FILE 'CAPLUS, MEDLINE, USPATFULL, EUROPATFULL' ENTERED AT 13:51:28 ON 14
OCT 2003

L2

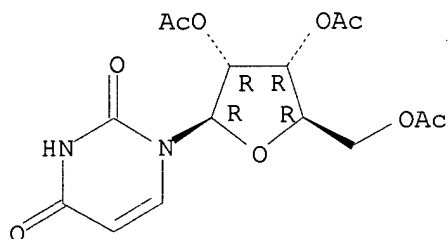
206 S L1

L3

6 S L2 AND (MELAS AND LHON OR MERRF OR MNGIE OR NARP OR LEIGHS-DI

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 4105-38-8 REGISTRY
 CN Uridine, 2',3',5'-triacetate (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN **2',3',5'-Tri-O-acetyluridine**
 CN 2',3',5'-Triacetyluridine
 CN Tri-O-acetyl uridine
 FS STEREOSEARCH
 DR 293738-13-3
 MF C15 H18 N2 O9
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSChem, DRUGUPDATES, HODOC*, TOXCENTER, USPAT2,
 USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: EINECS**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

172 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 172 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L3 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2002:315467 CAPLUS
 DN 136:335248
 TI Pyrimidine nucleotide precursors for the treatment of mitochondrial diseases
 IN Von Borstel, Reid W.; Saydoff, Joel A.
 PA USA
 SO U.S. Pat. Appl. Publ., 39 pp., Cont.-in-part of U. S. Ser. No. 763,955.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002049182	A1	20020425	US 2001-930494	20010816
				US 1998-144096 A219980831	
				WO 1999-US19725W	19990831
				US 2001-763955 A220010228	
	US 2001005719	A1	20010628	US 1998-144096	19980831
	US 6472378	B2	20021029		
	WO 2000011952	A1	20000309	WO 1999-US19725	19990831
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	WO 2003015516	A1	20030227	WO 2002-US25831	20020814
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				US 2001-930494 A	20010816

PATENT FAMILY INFORMATION:

FAN 2000:161074
 PATENT NO. KIND DATE APPLICATION NO. DATE

PI	WO 2000011952	A1	20000309	WO 1999-US19725	19990831
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				US 1998-144096 A219980831	
	US 2001005719	A1	20010628	US 1998-144096	19980831
	US 6472378	B2	20021029		
	CA 2341700	AA	20000309	CA 1999-2341700	19990831
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AU 9960219	A1	20000321	WO 1999-US19725W	19990831
AU 753203	B2	20021010	AU 1999-60219	19990831
			US 1998-144096 A	19980831
			WO 1999-US19725W	19990831
BR 9913319	A	20010522	BR 1999-13319	19990831
			US 1998-144096 A	19980831
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EP 1109453	A1	20010627	EP 1999-968207	19990831
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
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			WO 1999-US19725W	19990831
JP 2002523434	T2	20020730	JP 2000-567085	19990831
			US 1998-144096 A	19980831
			WO 1999-US19725W	19990831
ZA 2001001565	A	20020515	ZA 2001-1565	20010226
			US 1998-144096 A	19980831
US 2001016576	A1	20010823	US 2001-838136	20010420
			US 1998-144096 A1	19980831
US 2002049182	A1	20020425	US 2001-930494	20010816
			US 1998-144096 A2	19980831
			WO 1999-US19725W	19990831
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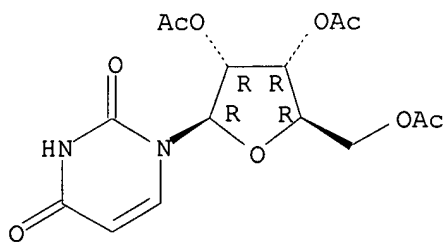
AB Compds., compns., and methods are provided for the treatment of disorders related to mitochondrial dysfunction. The methods comprise administering to a mammal a compn. contg. pyrimidine nucleotide precursors in amts. sufficient to treat symptoms resulting from mitochondrial respiratory chain deficiencies.

IT **4105-38-8**, 2',3',5'-Tri-O-acetyluridine
 RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (pyrimidine nucleotide precursors for the treatment of mitochondrial diseases)

RN 4105-38-8 CAPLUS

CN Uridine, 2',3',5'-triacetate (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:608584 CAPLUS

DN 133:187987

TI Methods using pyrimidine-based nucleosides for treatment of mitochondrial disorders

IN Naviaux, Robert K.

PA The Regents of the University of California, USA

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.

KIND DATE

APPLICATION NO. DATE

PI	WO 2000050043	A1	20000831	WO 2000-US4663	20000223
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG US 1999-121588PP 19990223 NZ 513926 A 20010928 NZ 2000-513926 20000223 US 1999-121588PP 19990223 BR 2000008447 A 20020115 BR 2000-8447 20000223 US 1999-121588PP 19990223 WO 2000-US4663 W 20000223 EP 1171137 A1 20020116 EP 2000-910321 20000223 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO US 1999-121588PP 19990223 WO 2000-US4663 W 20000223 JP 2002537340 T2 20021105 JP 2000-600654 20000223 US 1999-121588PP 19990223 WO 2000-US4663 W 20000223				

OS MARPAT 133:187987

AB Methods are provided for the treatment of mitochondrial disorders. The methods include the administration of a pyrimidine-based nucleoside, e.g. triacetyluridine. Also provided are methods of reducing or eliminating symptoms assocd. with mitochondrial disorders. Mitochondrial disorders particularly appropriate for treatment include those attributable to a deficiency of one or more pyrimidines.

IT **4105-38-8**

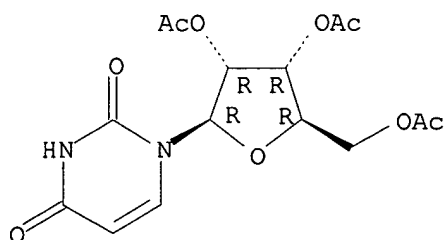
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(pyrimidine-based nucleoside for treatment of mitochondrial disorder)

RN 4105-38-8 CAPLUS

CN Uridine, 2',3',5'-triacetate (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:161074 CAPLUS

DN 132:203149

TI Compositions and methods using pyrimidine nucleotide precursors for treatment of mitochondrial diseases

IN Von Borstel, Reid W.

PA Pro-Neuron, Inc., USA

SO PCT Int. Appl., 58 pp.

CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000011952	A1	20000309	WO 1999-US19725	19990831
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	AU 9960219	A1	20000321	AU 1999-60219	19990831
	AU 753203	B2	20021010		
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				WO 1999-US19725W	19990831
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	EP 1109453	A1	20010627	EP 1999-968207	19990831
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				US 1998-144096 A	19980831
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				US 1998-144096 A219980831	
				WO 1999-US19725W	19990831
				US 2001-763955 A220010228	

PATENT FAMILY INFORMATION:

FAN 2002:315467

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002049182	A1	20020425	US 2001-930494	20010816
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				WO 1999-US19725W	19990831
				US 2001-763955 A220010228	
	US 2001005719	A1	20010628	US 1998-144096	19980831
	US 6472378	B2	20021029		
	WO 2000011952	A1	20000309	WO 1999-US19725	19990831
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CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 1998-144096 A219980831

WO 2003015516

A1 20030227

WO 2002-US25831 20020814

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PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

US 2001-930494 A 20010816

AB Compds., compns., and methods are provided for treatment of disorders related to mitochondrial dysfunction. The methods comprise administering to a mammal a compn. contg. pyrimidine nucleotide precursors in amts. sufficient to treat symptoms resulting from mitochondrial respiratory chain deficiencies.

IT 4105-38-8, 2',3',5'-Tri-O-acetyluridine

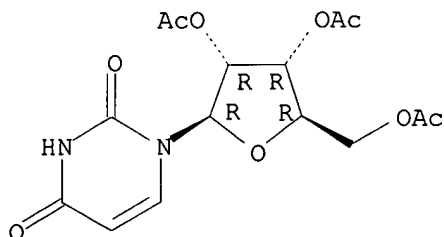
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(pyrimidine nucleotide precursors for treatment of mitochondrial diseases)

RN 4105-38-8 CAPLUS

CN Uridine, 2',3',5'-triacetate (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 6 USPATFULL on STN

AB Compounds, compositions, and methods are provided for treatment of disorders related to mitochondrial dysfunction. The methods comprise administering to a mammal a composition containing pyrimidine nucleotide precursors in amounts sufficient to treat symptoms resulting from mitochondrial respiratory chain deficiencies.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

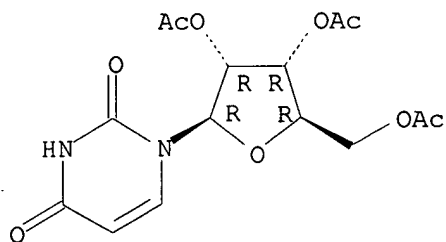
IT 4105-38-8, 2',3',5'-Tri-O-acetyluridine

(pyrimidine nucleotide precursors for the treatment of mitochondrial diseases)

RN 4105-38-8 USPATFULL

CN Uridine, 2',3',5'-triacetate (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 5 OF 6 USPATFULL on STN

AB Compounds, compositions, and methods are provided for treatment of disorders related to mitochondrial dysfunction. The methods comprise administering to a mammal a composition containing pyrimidine nucleotide precursors in amounts sufficient to treat symptoms resulting from mitochondrial respiratory chain deficiencies.

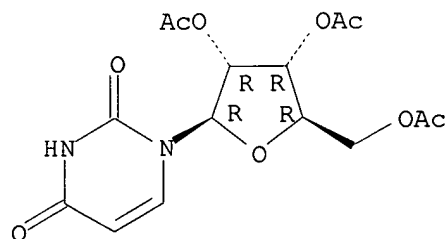
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT **4105-38-8**, 2',3',5'-Tri-O-acetyluridine
(pyrimidine nucleotide precursors for treatment of mitochondrial diseases)

RN 4105-38-8 USPATFULL

CN Uridine, 2',3',5'-triacetate (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 6 OF 6 USPATFULL on STN

AB Compounds, compositions, and methods are provided for treatment of disorders related to mitochondrial dysfunction. The methods comprise administering to a mammal a composition containing pyrimidine nucleotide precursors in amounts sufficient to treat symptoms resulting from mitochondrial respiratory chain deficiencies.

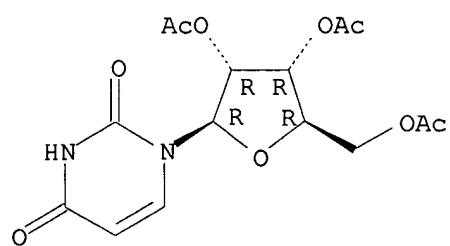
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT **4105-38-8**, 2',3',5'-Tri-O-acetyluridine
(pyrimidine nucleotide precursors for treatment of mitochondrial diseases)

RN 4105-38-8 USPATFULL

CN Uridine, 2',3',5'-triacetate (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)

Absolute stereochemistry.



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